Applicant: Schwartz et al.
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Group Art Unit: 3738

PATENT
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AMENDMENTS TO THE CLAIMS

Please cancel Claim 17 without prejudice or disclaimer.

Please amend Claims 1-2, 10-12, and 16 as set forth below.

Please add new Claim 18 as set forth below.

LISTING OF CLAIMS

1. (Currently Amended) A device for treating an elevated lumen pressure condition in a patient comprising:

a sealed membrane forming an inner ~~chamber~~ cavity;

a medium disposed in said inner ~~chamber~~ cavity, said inner ~~chamber~~ cavity having a portion sized for placement external to said body lumen and a portion sized for placement internal to said body lumen; said medium being movable between said internal and external portions in response to pressure fluctuations in said body lumen, thereby therapeutically dampening pressure fluctuations in the body lumen.

2. (Currently Amended) The device according to claim 1, further comprising a body lumen sealing device disposed between said internal portion and said external portion of said inner ~~chamber~~ cavity.

3. (Original) The device according to claim 1 wherein said medium is a gas.

4. (Original) The device according to claim 1 wherein said medium is a liquid.

5. (Original) The device according to claim 1 wherein said sealed membrane is composed of an elastic, biocompatible material.

6. (Original) The device according to claim 1 wherein said sealed membrane is composed of silicone.

7. (Original) The device according to claim 1 wherein said sealed membrane is composed of urethane.

8. (Original) The device according to claim 1 wherein said device is coated with a biocompatible configuration that encourages cell ingrowth.

9. (Original) The device according to claim 1 wherein said pressure of said internal portion is 40 mmHg.

10. (Currently Amended) The device for according to claim 1 wherein said device is sized and shaped so as to allow 10 to 55 ml of medium to shift from said internal portion of said inner ~~chamber~~ cavity to said external portion of said inner ~~chamber~~ cavity.

11. (Currently Amended) The device according to claim 1 further~~,~~ comprising a media port disposed on said membrane for adding and removing said medium.

12. (Currently Amended) A method for dampening pressure fluctuations in a body lumen comprising:

connecting an elastic member to a body lumen so that a portion of the elastic member is internal to said body lumen and a portion of the elastic member is external to said body lumen;

said elastic ~~portion having~~ member defining an ~~internal chamber~~ inner cavity containing a ~~media~~ medium; and

moving ~~at least a portion~~ a volume of said ~~media~~ medium from said internal portion of said elastic member to said external portion of said elastic member in response to an increase in pressure within said body lumen, thereby therapeutically dampening pressure fluctuations in the body lumen.

13. (Original) The method according to claim 12 wherein said ~~media~~ medium is liquid.

14. (Original) The method according to claim 12 wherein said ~~media~~ medium is gas.

15. (Original) The method according to claim 12 wherein said elastic member is composed of an elastic, biocompatible material.

16. (Currently Amended) The method according to claim 12 wherein said ~~internal chamber~~ inner cavity has a pressure of 40 mmHg.

17. (Canceled)

18. (New) The method according to claim 12 wherein moving a volume of said medium from said internal portion of said elastic member to said external portion of said elastic member in response to an increase in pressure within said body lumen comprises moving 10 to 55 ml of said medium.